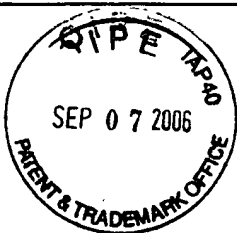


IFW

ARNOLD & PORTER LLP

202.942.5000
202.942.5999 Fax

555 Twelfth Street, NW
Washington, DC 20004-1206



September 7, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Application No. 09/531,113
Filed: March 22, 2000
Title: Nucleic Acid Molecules and Other Molecules Associated
with Plants
Applicants: Joseph R. BYRUM *et al.*
Attorney Docket No.: 16517.313

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. a Response under 37 C.F.R. § 1.111 in response to the Office Action mailed June 7, 2006; and
2. a return postcard.

Please stamp the attached postcard with the filing date of these documents and return it to our courier.

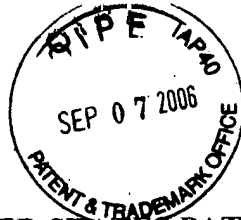
In the event that extensions of time beyond those petitioned for herewith are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. Applicants do not believe any fees are due in conjunction with this filing. However, if any fees are required in the present application, including any fees for extensions of time, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter LLP Deposit Account No. 50-2387 referencing matter number 16517.313. A duplicate copy of this letter is enclosed.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Gautam Prakash".

Gautam Prakash (Reg. Agent No. 53,481)
Thomas M. Holsten (Reg. Atty. No. 46,098)
David R. Marsh (Reg. Atty. No. 41,408)

Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Joseph R. BYRUM *et al.*

Application Serial No.: 09/531,113

Filed: March 22, 2000

Confirmation No.: 4899

Art Unit: 1637

Examiner: Cynthia B. Wilder

Attorney Docket No.: 16517.313

Title: Nucleic Acid Molecules and Other Molecules Associated with Plants

Response under 37 C.F.R. § 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed June 7, 2006.

Remarks begin on page 2 of this paper.